ABSTRACT OF THE DISCLOSURE

An initialization method for a network system is disclosed, which uses a channel estimation to predetermine coefficients of an FFE and an FBE. As such, convergence of the FFE, the FBE, a timing recovery, an echo canceller and a NEXT canceller is speeded up. Also, interaction of the cited devices and a divergence caused by the interaction are avoided. Therefore, system performance and stability are increased.